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PATENT

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hyoung-Soo LIM et al.

Group Art Unit: Not Yet Assigned

Serial No.: 10/584,716

Docket: 1403-14 PCT US

Filed: June 23, 2006

Dated: August 24, 2007

For: METHOD FOR CONSTRUCTING FRAME PREAMBLE  
IN OFDM WIRELESS COMMUNICATION SYSTEM,  
AND METHOD FOR ACQUIRING FRAME  
SYNCHRONIZATION AND SEARCHING CELLS  
USING PREAMBLE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant's duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 24, 2007.

Dated: August 24, 2007

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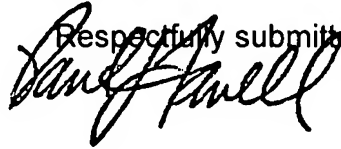
Paul J. Farrell

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- ☐ This Information Disclosure Statement is being filed within three (3) months of the filing date of this application.
- ☐ This Information Disclosure Statement is being filed concurrently with a Request for Continued Examination.
- ☒ To the best of Applicant's knowledge, this Information Disclosure Statement is being filed before the date of mailing of a first Office Action in connection with this case.
- ☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).

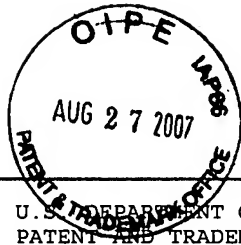
The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



Paul J. Farrell  
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Attorney for Applicant

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Sheet 1 of

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
1403-14 PCT USSERIAL NO.  
10/584,716INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Hyoung-Soo LIM et al.FILING DATE  
June 23, 2006GROUP ART UNIT  
Not Yet Assigned

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 6,658,063	12-2-03	Mizoguchi et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	KR 1020020090562	12-5-02	Korea			X	
	KR 1020030016121	2-26-03	Korea			X	
	KR 1020010007391	1-26-01	Korea			X	
	KR 1020010105898	11-29-01	Korea			X	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	Andrew Fort et al., A Performance And Complexity Comparison Of Auto-Correlation And Cross-Correlation For OFDM Burst Synchronization, 2003 IEEE, pp. 341-344.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw citation if not in conformance and not considered. Include copy of this form with next communication to ap

(Form PTO-1449 [6-4])